

## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO.   | DATE         |  |  |  |  |  |
|---------------------------|----------|----------|--------------|--|--|--|--|--|
| Position                  | (= A     |          | 10-15-01     |  |  |  |  |  |
| FEE DETERMINATION         |          |          | 1.21         |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       |          | 49       | 10/29/01     |  |  |  |  |  |
| FORMALITY REVIEW          | tel      | 2C1147   | 11/09/01     |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW |          | <u> </u> | <del>-</del> |  |  |  |  |  |
|                           |          | <u> </u> |              |  |  |  |  |  |

## INDEX OF CLAIMS

|   | Rejected                   |   | N | Non-electe   |
|---|----------------------------|---|---|--------------|
|   | Allowed                    | ٠ | 1 | Interference |
|   | (Through numeral) Canceled |   | Α | Appeal       |
| - | Restricted                 |   | 0 | Objected     |

| ÷         |        |                        |                          |              |        |          |  |          | Restricted 0 |           |        |          |            |          |          |                               |          |          |        |  |   | ••••     | •••••     | U        | ojec         | ieu             |          |          |          |            |            |          |          |           |           |          |          |          |   |
|-----------|--------|------------------------|--------------------------|--------------|--------|----------|--|----------|--------------|-----------|--------|----------|------------|----------|----------|-------------------------------|----------|----------|--------|--|---|----------|-----------|----------|--------------|-----------------|----------|----------|----------|------------|------------|----------|----------|-----------|-----------|----------|----------|----------|---|
|           | <br>   |                        |                          |              |        |          |  |          | Claim Date   |           |        |          |            |          |          |                               |          |          |        |  | Cla   | alm      |           |          |              |                 | Dat      | æ        |          | 7, 1, X    |            |          |          |           |           |          |          |          |   |
| Classical | lair   |                        | हा                       | 20/08/2      | 10/0   |          |  |          |              |           |        |          |            |          | Finai    | Original                      |          |          |        |  |   |          |           |          |              |                 |          | Final    | Original |            |            |          |          |           |           |          |          |          |   |
|           | i e    | ⋪                      | Ş                        | ý            | 7      |          | +  | 1        | 1            | 寸         | $\neg$ |          |            |          |          | 51                            |          |          |        |  |   |          |           | L        | L            | Ц               |          | L        | 10       | _          |            | Ш        |          | Ш         |           |          |          | Н        | İ |
| F         | ÷      | 2                      | ŭ                        | N            | V      | 1        |  |          | 1            | ╗         |        |          |            |          |          | 52                            |          |          |        | L  | $\square$   |          |           | L        | <u> </u>     | Ц               |          | <u></u>  | 10       |            | _          | Н        |          | -         | _         | -        | 2.6      | Ĥ        | ı |
| ř         |        | อั                     | ગ                        | <b>W</b>     | N<br>N | 3        |  | 7        |              |           |        |          |            | l        |          | 53                            | _        |          |        | _  |   |          |           | _        | L            | Н               |          | <u> </u> | 10       |            | -          | H        |          |           | 7.7<br>€  | 7        | *        | H        | ı |
| ٦         | ٦r     | ŽΪ                     | Ñ                        | ত            | Ø      | 9        | y y  |          | 1            | ٠,        |        |          |            | Į        |          | 54                            | _        | _        |        | ļ  | Щ   | <u> </u> | Ľ         | ⊢        | -            | ⊢               |          | $\vdash$ | 10       |            | -          | Н        |          |           | 3         | 7,3      |          |          | ı |
| Ē         |        | 3                      | 岁                        | Q,           | 8      | 18       |  | 2        | Ĩ.,          | . ,       |        |          |            |          | ┕        | 55                            |          | امري     | 30.    |  | - R.  | بمر.     |           | ļ        | -            |                 | 3.,      | 1,5      | !-       |            |            |          |          |           | 1         |          | 1        |          | i |
| Ē         |        | Ō.                     | $\underline{\mathbf{v}}$ | $\mathbf{z}$ | 2      | 7        | 15   |          | 'n.          | *         |        |          | L          | Į        | ┕        | 56                            | Ц        | -        | * 2    | 1.4  | 4.4   | ,,,      | ąžt,      |          | <del> </del> | -               | + '9'    | ۴        | 10       |            | ⊢          | H        |          | ŕ         | 7         | 3        | 3.       |          |   |
| E         |        |                        | 整                        | 1            | Ś      | 3        |  | 1        | ý.,          |           |        |          | Ŀ          |          | Ŀ        | 57<br>58                      | Н        | _        | -      | -  | ┝   | ┝        | -         | ┢        | 1-           | Н               | ٠.       | $\vdash$ | 10       | _          | $\vdash$   | М        |          | ٦,        | 12        | 7.       |          | П        |   |
|           |        | 8                      |                          | 1            | 32     |          | Į.   |          | .            | 1         |        |          | _          |          | ⊬        | 59                            | -        | _        |        | -  | ┯   | ├─       | -         | ┪        | t            | Н               |          | $\vdash$ | 10       |            | ┢          |          |          |           |           |          |          |          | 1 |
| Ł         |        | Q                      |                          |              |        | Ľ        |  |          | 3            | 14        |        | -        | 77.7       |          | ┢        | 60                            | Н        | -        |        | 1  | 35.   | l        | -         |          | t            |                 |          |          | 11       | 0          |            |          |          | Ά.        |           | 5        | 1        | 3        |   |
| Ļ         |        | 0                      | 4                        | -            | -      | <u> </u> |  | 20       | Ç.           | 100       |        | 1        |            |          | $\vdash$ | 61                            |          | ÷        | -      | 1  | ┢   |          |           | Τ        | T            |                 |          |          | 111      | 1          | 1.0        |          |          | 19        | 3,7       |          | ίί.      | 1        |   |
|           |        | Ä                      |                          | 2            | -      | إل       |  | <u> </u> | A.           |           |        | J. Salar | -          | 1        | ┢        | 62                            | H        | Ι.       | Н      | 1  | $\vdash$  |          | Г         | ⇈        | 1            |                 | ,        |          | 11       |            |            | 9        | Æ        | 45        | **        | *        | 3        | ij.      |   |
| Ĺ         |        | <u>2</u><br>13         | =                        | 를            | -      | #        |  | 2        | と            | 7/2       |        | ¥        | ŀ.         | 1 - 3    | $\vdash$ | 63                            |          |          |        | 17   | 1   | Π        |           | Τ        | 1            | -               | - ; -    |          | 11       |            |            | •        | X        | 1         | 聚         | Ŋ        | 1        | 1        |   |
| ŀ         |        | Ö                      | =                        | -            |        | -1-2     |  |          | 7            | *         |        | ۳        | H          | 1        | Г        | 64                            |          | -        | 5      | Ι,   |   |          |           |          | T            |                 |          | L        | 11       | _          | -          |          | 4        | -<br>€    | 3         | 3        | X.       |          |   |
| F         |        | Ğ                      | -                        |              | H      | ╬        |  |          |              | 12.3      |        | 1        | Τ          | 1        | $\vdash$ | 65                            | Γ        |          |        |  |   |          | L         | L        |              | L               |          | L        | 11       | _          |            | L        |          | Lž        | 4         | )<br> }  |          | 15       |   |
| ۲         | -      | ă                      |                          |              | Ť      |          |  |          |              | 3.        | -      |          | T          | 1        | Г        | 66                            |          |          | :      | 13   | 4 ::  | L        | 1         | 1        |              | 1               | 3        | : 1      |          |            |            | L        |          |           |           |          |          |          |   |
|           |        | $\tilde{\overline{v}}$ | F                        | 1            | g.     |          |  | 3        |              | 7         |        | Г        | Τ          | 1        |          | 67                            |          | L        | L      |  |   | _        | Ι,        |          | L            |                 | 1        |          |          |            | 1.         | 1        | 1        | 1         |           |          | 1 -2     |          |   |
| 1         |        | 18                     |                          | Č            |        |          |  |          | 7,           |           | Г      | T        | T          | 1        | Г        | 68                            | L        | L        | 上      | 1  | 1_  | 1_       | ┺         | 1        | 1            | 4               | ļ        | $\vdash$ | _        | 18         | <b> </b> - | +        | ╁        | ╁         | F         |          | +        | ╁        |   |
| i         |        | 10                     |                          |              |        |          |  | ,        | -            | Γ         |        |          |            | ]        | L        | 69                            |          | L        | Ł      | ┺  | ┺   | ┺        | 4_        | 4-       | 4            | 1               | ┧`       | -        | -        | 19         | ╀          | ╄        | ╫        | ╀         | 1-        | ╀        | ╁        | ╁        | • |
| li        |        | 20                     | 7                        | 1            |        |          |  | ٠,٠      | •,           | Г         | Γ      | Γ        | Т          | 1        | L        | 70                            | 1_       | <u> </u> | L      | L  | 1   | L        | Ŀ         | 1        | 4            | 4               | 4        | -        |          | 20         | ╁-         | ╀        | ╁        | ╀         | +         | +        | ╁        | ╁        | • |
| ł         |        | 21                     | 3                        |              |        |          | _  |          |              |           | 1      | Τ        | Τ          | ]        |          | 7                             |          | L        | L      | ┸  | ┸   | ╀        | 1         | 4        | 4            | +-              | 4        | 1        | _        | 21         | ╀          | ╁        | ╀        | ╁         | +         | +        | ┿        | +-       | • |
| ı         |        | 22                     | N                        | 7,           | ä      |          |  | •        |              | L         |        | I        | Ι          | ]        |          | 72                            |          | ↓        | ╀      | 1  | 4   | ╀        | ╀         | +        |              | +-              | -        | -        | _        | 22<br>23   | ┿          | ╁        | ╁        | ╁         | +         | 1/2      | ╁        | 十        |   |
| H         |        | 23                     | 2                        |              | ¥ :    |          |  | . :      |              | L         | L      | L        | L          |          | L        | 7                             |          | ╀        | 4      | +  | +   | ╄        | +         | +        |              | +-              | ┨        | -        |          | 24         | ╁          | +-       | ╁        | +-        | ╁         | +        | +        | 十        | • |
|           | U      | 24                     |                          |              |        |          |  |          |              | L         | L      | ┸        | 1          | 4        | L        | 7                             |          | 1        | +      | +  | ╌   | ╁        | +         |          | ╬            | ┿               | -        | -        | →-       | 25         | ╅          | +-       | 十        | 十         | +         | 十        | +        | 十        | • |
|           |        | 25                     |                          |              |        |          |  | χ.       | L            | L         | L      | 1        | ┸          | 4        | L        | 7                             | _        | ╀        | +      | +  | +   | +        |           | ╅        | ╅            | +               | ┨        | H        | _        | 26         | +          | +        | 十        | +         | +         | 十        | +        | $\top$   | ٠ |
|           |        | 26                     | 3                        | 3            | 1      | 7        |  | à        | L            | ļ.        | Į.     | 4        | 4          | 4        | ┝        | 7                             | _        | +        | +      | +  | +   | +        | ╫         | +        | ╅            | ╅               | 1        | ۲        | _        | 27         | ╅          | 十        | 十        | 十         | T         | 1        | 1        | T        | • |
| ٠,        | 7      | 27                     |                          |              | _      | 4        | 4  |          | L            | 4         | 4-     | +        | +          | 4        | -        | 7                             | _        | ┿        | ┿      | +  | ┰   | 十        | +         | +        | +            | ╅               | ┨        | H        |          | 28         | +          | 十        | 1        | $\top$    | T         | T        | I        | I        |   |
|           | 撃      | 28                     |                          | 1            | 1      | 4        | _  | _        | 1_           | +         | +      | +        | +          | 4        | -        | <del> </del>   <del>/</del> 7 |          | ╁        | ╁      | +  | +   | +        | ╅         | +        | -+           | +               | ┨.       | h        | -1       | 29         | +          | T        | $\top$   | T         | T         | $\top$   | $\perp$  | $\perp$  |   |
|           | 4      | 28                     |                          | 4_           | 1      | -        |  | -        | 1            | +         | +      | +        | +          | ┨        | ┝        | _                             | 0        | ┿        | ╅      | +  | +   | +        | 十         | +        | $\top$       | _               | ┪.       | T        | 1        | 30         | $\top$     | T        | T        | $\top$    | I         | $\perp$  | $\bot$   |          |   |
| Ž         |        | 30                     |                          |              | +      |          | _  | H        | ╀            | +-        | +      | ╀        | +          | -        | H        |                               | 1        | +        | +      | $\dagger$  | +   | +        | $\dagger$ | T        | +            | _               | 7        | Ţ        |          | 131        | $\perp$    | $\Box$   | $\perp$  | $\Box$    | $\perp$   | $\perp$  |          | 4        |   |
| ŝ         | Ψ.     | 3                      |                          | +            | +      | ┥        |  | ⊢        | ╀            | ╁         | ╁      | ╁        | +          | $\dashv$ | ŀ        |                               | 2        | +        | +      | 7  | $\top$  | 十        | +         | $\top$   | _            | T               | 7        |          |          | 132        | $\Box$     |          | $\perp$  |           | <b>ユ</b>  | 4        | 4        | 4        |   |
|           | -      | 3                      |                          | +            | +      | 7        |  | ┝        | +            | ╁         | ╁      | ╁        | +          | ٦        | ŀ        | _                             | 3        | +        | 十      | $\dagger$  | $\top$  | T        | 1         | T        | T            |                 |          |          |          | 133        | $\perp$    | _        | 4        | 4         | 4         | 4        | -+       | -+       | • |
| •         | -      | 3                      |                          | +            | +      | 니        |  | ┪        | 十            | +         | +      | +        | +          | $\dashv$ | ŀ        |                               | 4        | 1        | 1      | 1  |   |          |           |          |              | $\Box$          |          |          |          | 134        | 4          | 4        | $\dashv$ | 4         | 4         | +        | -+       | +        | • |
| ٠.        | ┝      | 3                      |                          | ╅            | 8      | -        | -  | Н        | t            | ╅         | 十      | +        | 1          | ٦        | Ī        | 7                             | 15       | T        | T      |  |   | $\Box$   |           |          |              |                 | _        | -        |          | 135        | 4          | -+       | +        | +         | +         | -+       | $\dashv$ | +        | • |
|           | ۲      | 3                      |                          | +            | 7      | -        | <del>                                     </del> | T        | T            | +         | 十      | 7        | $\dashv$   |          | 1        | 1.                            | 6        |          | $\Box$ | floor  | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $\prod$  | $\perp$   | _[       | _            | _               | 4        | - 1      |          | 136        | +          | +        | +        | +         | +         | -+       | $\dashv$ | +        |   |
|           | ┢      | 13                     | 7                        | 1            | 7      |          |  | ┪        | 1            | T         | ↰      | 7        | T          | ٦        | ĺ        |                               | 37       |          |        | $\perp$  | _   |          | _         | _        | _            | 4               | 4        | ŀ        | _        | 137        | +          | +        | +        | ᅪ         | -+        | $\dashv$ | -+       | ┪        | • |
| ÷         | H      | 3                      |                          | +            | 1      |          |  | Τ        | T            | 1         |        |          | $\Box$     |          |          | _                             | 38       | $\perp$  | 4      | $\dashv$   | 4   | 4        | 4         | 4        |              | -               | -        | - }      | _        | 138<br>139 | +          | +        | $\dashv$ | $\dashv$  | +         | 十        | -        | -        |   |
|           | Г      | 3                      | 9                        | 1            | 7      |          | Γ  | Γ        | Τ            | T         |        |          |            |          | ı        |                               | 39       | 4        | _      | 4  | 4   | -        | $\dashv$  | -        |              | +               | -        | - 1      |          | 140        | $\dashv$   | $\dashv$ | -+       | $\dashv$  | 十         | -        | 寸        | ヿ        |   |
|           | Г      | 4                      | ō                        | T            | T      |          |  | Γ        | Т            | Т         |        |          |            | ╝        | Į        |                               | 90       | ᆚ        |        | _  | 4   | _        | _         | _        | _            | -               | 4        | -        | -        | 141        | -          | -+       | -+       | $\dashv$  | ᅱ         | -        | -        | 一        | • |
| . ;       | Г      | 4                      | ıı                       | T            | T      |          | Γ  | Т        | Т            | Т         | $\Box$ |          |            |          | l        |                               | 91       | _        | _      | _  | _   | _        | _         | _        | _            | -               | 4        |          | -        | 142        | -          | -        | -+       | -+        | -1        | $\vdash$ | -1       | $\dashv$ | ſ |
| 1         | Г      | 4                      | 2                        | T            |        |          | Γ  | Ι        | T            | $\Box$    |        | $\Box$   |            | $\Box$   |          | -                             | 92       | _        | _      | _  | 4   | 4        | 4         | 4        | $\dashv$     | -               | $\dashv$ |          | -        | 143        | -+         | +        | 十        | ᅥ         | -         | 一        | $\dashv$ | $\dashv$ | İ |
| ٠.        | $\Box$ | 4                      | 13                       |              |        |          |  |          | $\mathbb{I}$ | $oxed{J}$ |        |          |            |          |          | _                             | 93       | _        | _      | _  | 4   | 4        | _         | 4        | Н            | $\rightarrow$   | $\dashv$ |          | -        | 144        | -          | -        | $\dashv$ | $\dashv$  | -         | 一        | $\sqcap$ | П        | Ì |
|           | Г      | -                      | 14                       |              |        |          | Γ  | I        |              | $\Box$    |        | $\Box$   |            | 凵        | İ        | $\dashv$                      | 94       | 4        | _      | _  | _   | _        | _         | 긕        | Н            | -               | $\dashv$ |          | $\vdash$ | 145        |            | -        | ᅥ        | -         | $\dashv$  | М        | П        | П        | Ì |
| 11        |        | 4                      |                          | J            |        |          |  | Ţ        | I            | $\Box$    | $\Box$ | _        | _          | Ц        |          | $\sqcup$                      | 95       | -        | 4      | _  | $\dashv$  |          |           | _        | H            | $\vdash$        | ㅓ        |          | $\vdash$ | 146        | H          | -        | $\dashv$ | -†        | $\exists$ | П        |          |          | J |
|           | Ĺ      |                        | 16                       | $\perp$      |        | L        | L  | $\perp$  | 4            | 4         | _      | _        | _          | Ц        |          | $\square$                     | 96       |          | _      | _  | $\dashv$  | $\dashv$ |           | _        | $\vdash$     | Н               | ㅓ        |          | $\vdash$ | 147        | $\vdash$   | ╛        |          | 7         | П         | П        |          |          | ı |
| 1         | L      |                        | 17                       | _            | _      | <u> </u> | L  | 4        | 4            | _         | _      |          | Ш          | Н        |          | Н                             | 97<br>98 | -        | _      | Н  | Н   | -        | $\dashv$  |          | -            | $\vdash \vdash$ | ᅥ        |          | ┢        | 148        | Н          | $\dashv$ | $\dashv$ | $\exists$ |           |          |          |          | Į |
| 5         | L      | _                      | 18                       | 4            |        | _        | ╀  | 4        | $\downarrow$ |           | -      | 4        | _          | Н        |          | Н                             | 99       |          |        | -  | Н   | H        | $\dashv$  | $\vdash$ | $\vdash$     | $\vdash$        | ᅥ        |          | Г        | 149        | _          |          |          |           |           |          |          | L        |   |
|           | L      | 4                      | 49                       |              |        | <u> </u> | +  | +        | 4            |           | -1     |          | <b>-</b> - | Н        |          | H                             | 100      | 긕        |        | <del>                                     </del> | Н   | Н        | -         | $\vdash$ | Г            | П               |          |          | Г        | 150        |            |          |          |           | _         | L_       | L_       | <u></u>  |   |

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